

J. & D. C. Kerr,
Harness-Saddle Attachment,
N^o 78,807. Patented June 9, 1868.

Fig 1.

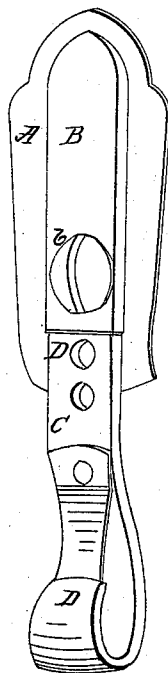
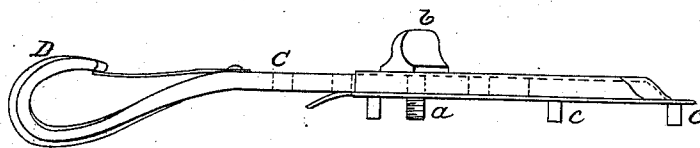


Fig 2.



Witnesses;
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Inventor;
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his attys.

United States Patent Office.

JOHN KERR AND DAYTON C. KERR, OF AMES, IOWA, ASSIGNORS TO THEMSELVES AND S. H. MILLER, OF SAME PLACE.

Letters Patent No. 78,807, dated June 9, 1868.

IMPROVED SLIDE-SNAP FOR HARNESS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that we, JOHN KERR and DAYTON C. KERR, of Ames, in the county of Story, and State of Iowa, have invented certain new and useful Improvements in Adjustable Slide-Snap Hooks for Harness; and we do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification, and to the letters of reference marked thereon, like letters indicating like parts wherever they occur.

To enable others skilled in the art to construct and use our invention, we will proceed to describe it.

Our invention relates to harness-fixtures, and consists in the construction of an adjustable or slide-snap hook, to be attached to the pads of the saddle of the harness, so that when the harness is placed on horses of different sizes, the distance between the saddle and the thills may be conveniently regulated, and thus obviate the necessity of using buckles.

In the drawings—

Figure 1 is a perspective view, and

Figure 2 is a longitudinal vertical section.

In constructing our device, we take a flat piece of any suitable metal, A, sufficiently strong for our purpose, and shape it as shown in fig. 1. To its upper side we attach a loop, or hollow metal cover or socket, B, shaped as shown in the same, fig. 1, and large enough to admit the shank, C, of an ordinary snap-hook, D, through its lower end, left open for that purpose.

The socket B, and metal plate A, we provide with holes, in which we insert a short bolt, *a*, provided with a head, *b*, as shown in fig. 2. The under side of the metal plate A we provide with rivets, *c*, for attaching it to the pads of the harness-saddle.

We make a snap-hook, D, in the ordinary manner, of the size suitable for our purpose, and provide it with a long shank, *e*, in which we make a series of holes, E, large enough for the bolt *a* to pass through, so that when the shank C is passed under the cover B, the snap-hook D may be adjusted at different heights.

When our device, constructed as described, is attached to the pad of the saddle of the harness, the snap-hook D can be conveniently adjusted so as to accommodate horses of different sizes. The thills of the wagon may be provided with hooks or rings, or the tugs may have a hook or ring, which can at all times be slipped into or taken out of the snap-hook D when desired.

By means of this simple and cheap device it is evident that the use of buckles, or similar devices, for adjusting the height of the tug, will be obviated, and that for many purposes tugs will not be necessary, or when used that they may remain upon the thills. Our device will be found especially useful on all cart-harnesses.

Having thus described our invention, what we claim is—

The adjustable snap-hook D, in combination with the metal plate A and socket B, all constructed and arranged substantially as herein described, for being attached to the pad of the saddle of a harness, as set forth.

JOHN KERR,
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Witnesses:

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E. J. STARR.